



Material Content Data Sheet



Sales Product Name		BCP 51 H6327		Issued		20. July 2018		
MA#		MA001256310						
Package		PG-SOT223-4-24		Weight*		107.20 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.017	0.02		160	
	non noble metal	tin	7440-31-5	0.004	0.00		41	
	inorganic material	silicon	7440-21-3	0.209	0.19	0.21	1948	2149
leadframe	inorganic material	silicon	7440-21-3	0.009	0.01		80	
	non noble metal	titanium	7440-32-6	0.043	0.04		398	
	non noble metal	chromium	7440-47-3	0.128	0.12		1193	
	non noble metal	copper	7440-50-8	42.459	39.61	39.78	396090	397761
wire	non noble metal	copper	7440-50-8	0.076	0.07	0.07	713	713
encapsulation	organic material	carbon black	1333-86-4	0.623	0.58		5811	
	plastics	epoxy resin	-	9.344	8.72		87166	
	inorganic material	silicondioxide	60676-86-0	52.325	48.81	58.11	488128	581105
leadfinish	non noble metal	tin	7440-31-5	1.464	1.37	1.37	13657	13657
plating	noble metal	silver	7440-22-4	0.495	0.46	0.46	4615	4615
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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